

Moess, D.

Sense Organs in the Wing Region of the Field Cricket
(Gryllus Campestris L.) and their role in the Control
of Stridulation and Wing Position

ZEITSCHRIFT FUER VERGLEICHENDE PHYSIOLOGIE, V. 73,

1971, p. 53-83

CSIRO-Trans-11064

NTC 73-11716-06C

Otto, Dietmar

Central Nervous Control of Sound Production in
Crickets.
Zeitschrift fur Vergleichende Physiologie,
vol. 74, Apr. 1971. p.227-271
*NTIS TT 73-58063

may 73

Steinhardt, O.

*Brittle fracture and fatigue investigations on
cylindrical hollow bodies with offset circumferential
seams and different stiffeners.*
VEREIN DEUTSCHER INGENIEURE, ZEITSCHRIFT, Vol 114,
No 13, 1972, pp 985-991
NTC 73-13762-20K

Frisch, R.V.
"On a fright substance of fish skin and its biological
significance (über einen Schreckstoff der Fischhaut
und seine biologische Bedeutung)"
Zeitschrift für Vergleichende Physiologie, 22(1-2): 45-147.
in German.

1942

Transl. by Geti Saad, Pakistan, for ASAM, 1972. 197p.,
typescript.

Avail. on loan - NSA, Wash., D.C.

KF

Ruppell, Georg, and Elfriede Lossew
Influence of danger on the schooling behavior of
Leucaspis delinacetus (Hymenoptera, Encyrtidae) during
night and daytime (Die Schrecke von Leucaspis delinacetus
(Hymenoptera, Encyrtidae) bei Gefahr in Tagen und in
Nacht).
Zeitschrift für vergleichende Physiologie, 76: 333-340.

1972

Transl. by DPM for U.S., Apr. 1974, sp., typescript.
Avail. on loan - . S, Mag., p. 1

Original Article (backed)

Three articles from

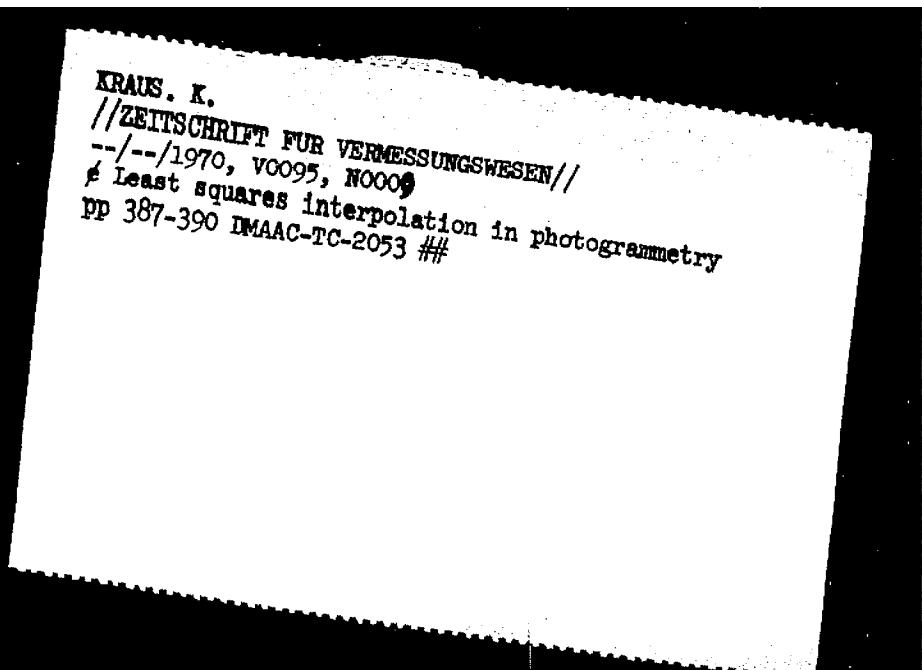
ZEITSCHRIFT FUR VERMESSUNGSWESEN

1954 No 79 pp 111-114

1954 No 79 174-176

1969 No 94 pp 14-26

*NTIS-TT-73-53056



Grafarend, Erik

Correlation Lengths of Gravity Anomalies and
Deflections of the Vertical

ZEIT. fur VERMESSUNGSWESEN, Vol 96, No 4, 1971
PP 132-138

DMAAC - 14 Feb 74

DMAAC-TC-2023

KRAUS, K.
//ZEITSCHRIFT FUR VERMESSUNGSWESEN//
--/---1971, V0096, N0006
Automatic computation of digital contour lines
pp 233-239 DMAAC-TC-2054##

Ramsayer, K.

Investigation of the Accuracy of a Traverse in Space
ZEITSCHRIFT FUER VERMESSUNGWESEN, Vol 96, No 10,
pp 429-439, 1971

DOD Geod. Lib. B 664.7001, Vol 96, No 10
(DMA-Topographic Center)

Ramsayer, K.

Astronomical Theodolite with Automatic
Telescope Tracking by Stepping Motors 10 pp
ZEIT.SCHRIFT FUR VERMESSUNGWESEN, Vol 98, no 3,
Mar. 1973, pp 114-118

DMAAC-TC-1989

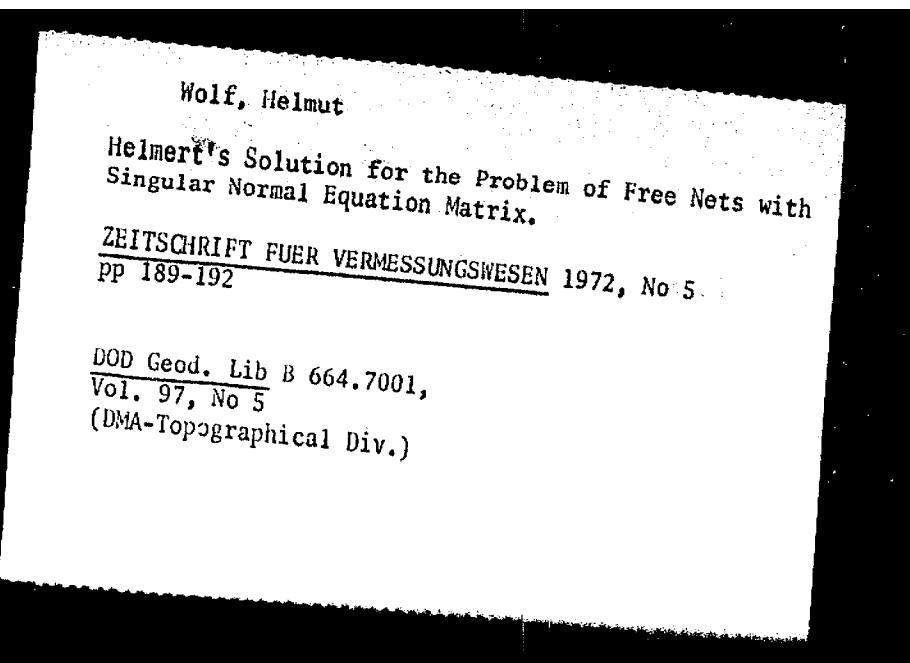
DISTRIBUTION LIMITED TO U.S. GOVT AGENCIES

Recent Adjustment and Prediction Procedures, by
H. Moritz.
ZEIT VERMESSUNGSWESEN, No 4, Vol 98, pp 137-146
•DMAAC - TIC - 1966

June 73

Prediction and Filtering with Two Different Groups
of Reference Points, by H. Moritz
Zeit Vermessungswesen, No 4, Vol 98, pp 146-153.
•DMAAC TC-1967

June 73



The Development of Short-Range DME Since 1968, by
L. Hellermann, 10 pp.
GOVERNMENT USE ONLY
ZEITSCHRIFT FUER VERMESSUNGSWESEN, 6 June 1972,
pp 233-241.
ARM/FSTC/HT-23-238-73

Apr 73

The Generalization of Isolines as a Result of the
Generalization of Surfaces, by H. J. Gottschalk.
ZEIT VERMESSUNGWESEN, Vol 97, No 11, 1972, 7 pp.
pp 489-494.

DMAAC-TC-1895

U.S. GOVERNMENT USE ONLY

June 73

Ramsayer, K.

Astromonic Theodolite with Automatic
Telescope Tracking

ZEIT. fur VERMESSUNGSWESEN No 3, 1973 pp 114-118

**DMAAC let 5 Nov 73

TORGE, W.
//ZEITSCHRIFT FUR VERMESSUNGSWESEN//
--/06/1973, V0008, N0006,
The Present State of Geodesy, 12 pp.
pp 220-236, R3TC-IM-23-264-74
DISRIBUTION LIMITED TO US GOVT AGENCIES

SCHMIDT, H. F.

//ZEITSCHRIFT FUR VERMESSUNGWESEN//

--/03/1974, V0099, N0003

Trigonometric interpolation by means of sampling
functions

pp 109-118 DMAAC ##

Grafarend, Jansen

Variational Principles and Zero-Order
Approximation of the Figure of the Earth

ZEIT FUR VERMESSUNGSWESEN, Vol 99, No 3, 1974
(no pp given)

*DMAAC-2 May 74

Zielinski, Von Janusz B.
Current Problems of Dynamic Satellite Geodesy
ZEIT. FUR VERMESSUNGSWESEN, Vol 99, No 3, 1974
pp 89-96

*DMAAC-2 May 74

KRAUS, K.
//ZEITSCHRIFT FUR VERMESSUNGWESEN//
--/~/1974, V----, N0005,
Investigation on the Accuracy of Interpolation
by Least Squares 13 pp
pp 198-205, DMAAC 21-17-100
TC - 205?

Offhaus, K.

Zinc Content and Toxicity of the Waste Waters of the
Man-Made Fiber Industry
ZEITSCHRIFT FUER WASSER UND ABWASSER FORSCHUNG, n. 1,
1968, p. 8-21
RTC 73-11275-133

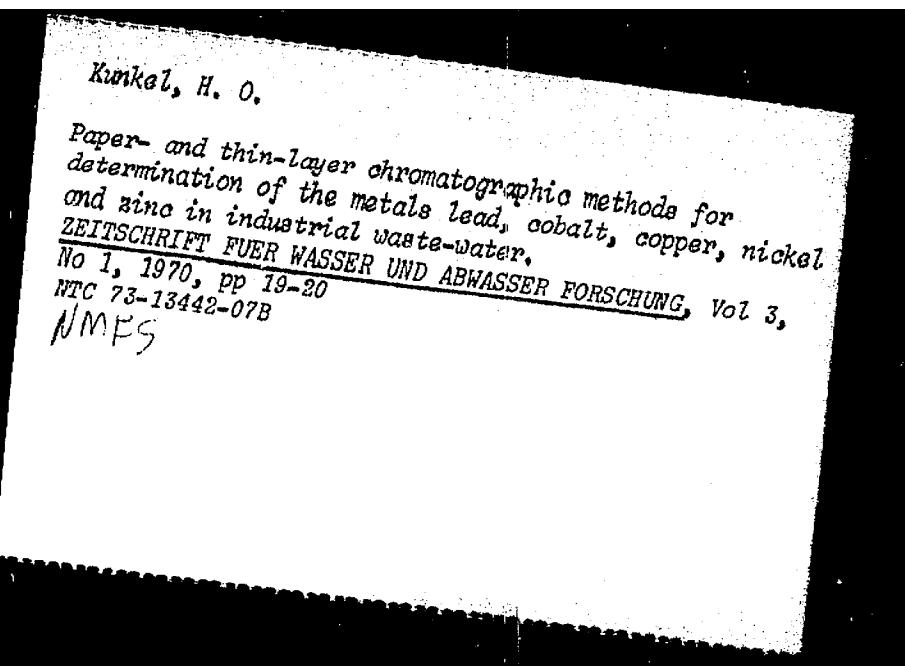
Hartinger, L

The removal of heavy metals from waste waters.
Z. WASSER-ABWASSER-FORSCHUNG, No 1, 1968, pp 30-40
ATS 1586-GJ

HARTINGER, L.

The Removal of Heavy Metals from Waste Water.
ZEITSCHRIFT FUER WASSER UND ABWASSER, FORSCHUNG, No 1,
pp 30-40, 1968.
ATS 63A129G

may 73



Slickers, K.

The effect of oxygen on the discharge during
the spectro-analysis of metals in inert gases.
Z. WERKSSTOFFTECHNIK, 1971, v.2, n.3, pp144-50.
*BISI 11240

Slickers, K.

The Effect of Oxygen on the Discharge During the
Spectroanalysis of Metals in an Inert Gas

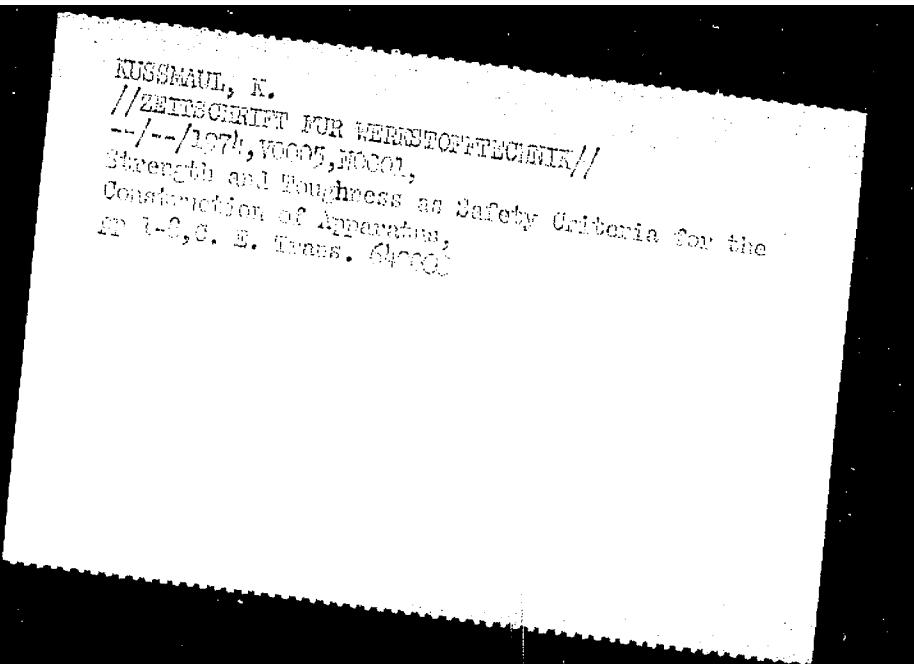
Z. FUR WERKSTOFFTECHNIK, 1971, 2, (3), pp 144-150
BISI-31240

Schutz, W.

On the selection of optimum materials for fatigue-loaded structures.
ZEITSCHRIFT FUER WERKSTOFFTECHNIK, Vol 2, 1971,
pp 189-197.
NTC 73-11423-13M

THOMAS, T.
1/2. ANALYST
77/10/1977, 19009, N-----
Recent Developments in Soviet Intelligence,
PP 204-LP, DIA 110002

Harms, J.
Dr. J. Harms //
Ludwigsburg,
The Effect of Different Deposition Conditions on
Some Mechanical Properties of Nickel Coatings
over the Graphite Substrate,
22-11-77, DUT image



Clausen, R.

Investigations on Tool Life in Hot Turning.
Z. FÜR WIRT. FERTIGUNG, 1970, Vol. 65, No. 2,
pp. 55-9
BISI 11141

Uncl (NRC-IT-1610) Phylogeny and systematics of bark
beetles. NUSSLIN, O. Translated by P.F. Bruggemann,
H.A.G. Nathan and R. Serre (National Research Council of
Canada) from Z. Wiss. Insektenbiol.; 7: No. 1-11,
vp(1911). 91p. Dep. NTIS (U.S. Sales Only).
06 b1omed; translations
MN-48 NP NSA

Stachter, K.

*Spectro analysis of the radiation emitted during the
decomposition of ozone.
ZEITSCHRIFT FUER WISSENSCHAFTLICHE PHOTOGRAPHIE,
PHOTOPHYSIK UND PHOTOCHEMIE, Vol 19, No 7, 1920,
pp 181-187
NTC 73-22099-07D*

Schmidt, I.

The redox potential of the latent image.
ZEITSCHRIFT FUER WISSENSCHAFTLICHE PHOTOGRAPHIE,
PHOTOPHYSIK UND PHOTOCHEMIE, Vol 60, p 1-20, 1967.
NTC-73-10797-14E

may 73

Soudek, I.

The luminescence of the photographic emulsion.
ZEITSCHRIFT FUER WISSENSCHAFTLICHE PHOTOGRAPHIE
PHOTOPHYSIK UND PHOTOCHEMIE, v. 62, p. 133-146,
1968

TC-12082

KANKELWITZ, R.
//ZEITSCHRIFT FUER WISSENSCHAFTLICHE PHOTOGRAFIE
PHOTOPISTEK UND PHOTOCHEMIE//
--/1969, VOL63, NO1-6,
Process for Color Redevelopment of Black and White
Pictures, 2 pp.
PP Unknown, STC-N-23-1314-73
DISTRIBUTION LIMITED TO US GOVT AGENCIES⁹⁰⁰

ANOMALOUS BEHAVIOR OF A COLOR DEVELOPER CONTAINING 1-HYDROXY-2-NAPHTHOIC ACID

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Z FUER WIS PHOTOGRAPHIE-PHYSIK-CHEMIE 1969 NO
1-6 PP 39-45

FSTC-HT-23-1354-73

FEDOSEJEA, ANNA
//ZEITSCHRIFT FUR WISSENSCHAFTLICHE PHOTOGRAPHIE
PHOTOPHYSIK UND PHOTOCHEMIE//
---/---/1969, V0063, N----
Contribution to the subject of color developing
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baths by means of ion exchange and adsorption
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AT HIGH PH VALUES IN COMPENSATION
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Z FUER WIS PHOTOGRAPHIE-PHYSIK-CHEMIE 1969 NO
7-9 PP 113-118
FSTC-HT-23-1353-73

Titschack, Erich

Untersuchungen über den temperatureinflub auf
die Kleidermotte,

ZEIT. FUR WISSENSCH. ZOOLOGIE, Vol 124, 1925
pp 213-251

*NTIS-TT-74-53145

Thill, .

Contribution to the knowledge of aurelia
aurita (1.).
ZEITSCHRIFT FUER WISSENSCHAFTLICHE ZOOLOGIE,
Vol. 150, 1937, p. 51-96
NRC C-11903

KANKELWITZ, B.
//ZEITSCHRIFT FUER WISSENSCHAFTLICHE PHOTOGRAPHIE
PHOTOPHYSIK UND PHOTOCHEMIE//
---/1969, V0063, N0001,
Process for Color Redevelopment of Black and
White Pictures 8 pp
pp unknown, ARM/FSTC-HT-23-1319-730@

Breucker, H.

The spermatozoa of the tick ornithodorus moubata (Murr).

ZEITSCHRIFT FUER ZELLFORSCHUNG UND MIKROSKOPISCHE

ANATOMIE, Vol 88, 1968, pp 1-22

CSIRO-Trans-11377

NTC 73-13902-06C

Quesse, W.

Comparative morphological and cytometric-autoradiographic investigation of erythropoiesis in man.
ZEITSCHRIFT FUER ZELLFORSCHUNG UND MIKROSKOPISCHE ANATOMIE, Vol 116, 1971, pp 523-531
MFG-23

NTC 74-10025-06E

Sreucker, H.

oogenesis of the tick *Ixodes ricinus*
embryo (eijk).

MITGLIEDE RIFF FUER ZELLFORSCHUNG UND MIKRO-
SKOPISCHE ANATOMIE, Vol. 123, 1972, p. 18-46
Figs., refs. omitted. CSIRO-Trans-11219.
NTC 73-11486-06M

Eberhard, P.

Z. Zellforsch, Vol 129, 1972, pp 76-91

*NTIS-TT-74-53188.

Wittkowski, W.

Z. ZELLFORSCH, Vol 130, 1972, pp 58-69

*NTIS-TT-74-53189

GERMAN

CSC: 8020/2168 W
18 April 1973 SF

Radio Moscow: Peking wants to prevent Europe's
Revival.

Frankfurt/Main, Zeitung, 7 April 1973.

Special type B
Do not publish
Original translation type single space- camera ready,
plus one copy.

T.D. 30 April 1973

Emmermann, R.

X-Ray Spectrographic Analysis for Iron, Titanium, Calcium, Potassium, Silicon and Aluminium in Silicate Rocks with use of Lithium Borate Glass Discs.

ZEITUNG ANALYT. CHEM. 1971, Vol.254, No.1, pp.1-6.

BISI 11410

Proceedings at the 21st Congress of the
Luxembourg Communist Party, 62 pp.
GERMAN, np, Zeitung vum Letzeburger Vollek,
Luxembourg, 26 Mar 73, p 2.
JPRS 59048

May 73

Dominique Urbany Advocates Unity of Left
in May Day Speech, by Dominique Urbany, 6 pp.
GERMAN, np, Zeitung vum Letzeburger Vollek,
Luxembourg, 3 May 73, pp 3, 5.
JPRS 59126

May 73

Urbany, Dominique

Urbany Speaks at Brussels Conference of West European Communists.

5 pp

ZEITUNG VUM LETZEBURGER VOLKEK, Luxembourg,
29 Jan 1974, p 3.
JPRS 61257

Deputy Minister Reviews 1973 Investments in
Railroad Transportation, by Jan Lajciak, 5 pp.
SLOVAK, per, Zeleznice 73, Prague, No 2, 1973,
p 25.
JPRS 58707

SLOVAK:

Zeleznici Doprava a Technika. #12/72. Prague, CZ.
pp 316-319.

DIA LN 150-74 (approx. 10 pp)

(Oct 73)

Kudrna, Vladimir

Future Prospects for Electrification of
Railroads Described, 6 pp.
ZELEZNICNI TECHNIKA, Prague, No 3, 1973,
pp 162-163.
JPRS 60487

Nov 73

Iwanow, H. I.

Comparative Yield and Processing Characteristics of
Prehydrolyzed and Non-Prehydrolyzed pine sulfate pulp
with variation in the degree of degradation in cooking
and bleaching

ZELLSTOFF UND PAPIER, v. 13, n. 3, 1964, p. 67-70

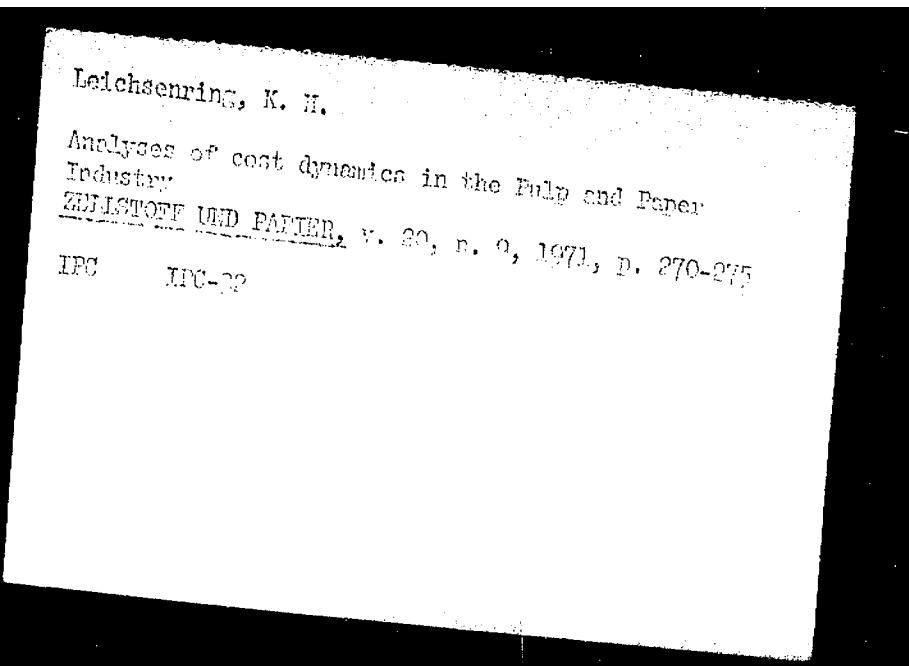
IPC IPC-2U

Ivanov, S. N.

Studies on the influence of Temperature Factors on
the sizing of paper
ZELLSTOFF UND PAPIER, v. 19, n. 9, 1970, p. 259-268
IPC - IFC-87

Harkonen, O.

"Polarox" method for automatic measurement and control of bleaching chemicals.
ZELLSTOFF UND PAPIER, 1971, pp 219-220,
v. 20, n. 7.
IPC IPC-59.



Agency: CAREL
P.O.No. 74-T-29

9219/1765
4 June 1974

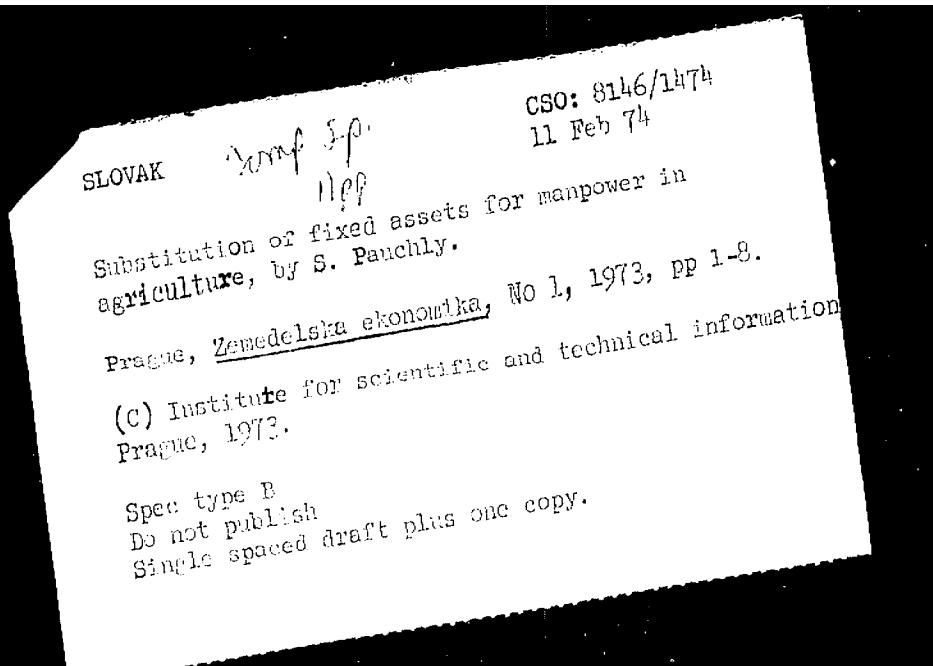
Title: RECHERCHE SUR LA RELATION ENTRE LE POIDS, LA PUISSANCE
et les PNEUS DANS LE CAS DES TRACTEURS AGRICOLES.

Author: J.Archart, J. Remus

Source: Zone Conference Internationale

Language: French

Instructions: Type single space, NO PASTE UP, leave space
translate all captions.



Zabransky, Svatopluk

Economic Aspects of Plant Protection
Discussed, 22 pp.
GOVERNMENT USE ONLY
ZEMEDELSKA EKONOMIKA, Prague, No 3, Mar 73,
pp 133-148.
JPRS/L 4648

Oct 73

Kursky, L.

Advantages of Membership in Joint Agricultural Enterprises, 13 pp.
GOVERNMENT USE ONLY
ZEMEDELSKA EKONOMIKA, Prague, No 11, Nov 73,
pp 749-758.
JPRS/L 4846

Mar 71

WANNER, J.
//ZEMEDELSKA TECHNIKA//
--/-1972,V0018,N0004,
Determination of Soil Resistance Exerted on the
Plow Body of the Trailed Plow in the Course of
Operation.
pp 215-226, *NTIS-TT-74-5508600

Sykora, Svatopluk

Characteristics of New Barley Varieties

Extolled, 6 pp.

ZEMEDELSKE NOVINY, Prague, 8 Aug 73, Supple-
ment, pp 1-2.

JPRS 59919

Sep 73

Spaldon, E.

Modern Agricultural Techniques Result in
High Yields, 5 pp.
ZEMEDELSKE NOVINY, Prague, 9 Aug 73, p 5.
JPRS 59934

Sep 73

Bouska, Pavel

Shortcomings in Management Work Scored, 5 pp.
ZEMEDELSKI NOVINY, Prague, 13 Dec 73, p 3.
JPRS 60959

Jan 74

2011, UTRKAN
/TELEVISION MOVIE//
26/11/1974, V-----, -----, pp 0001
also per S
1974 Agricultural Results in C.R. Reviewed S
S 1975

Plans for Agriculture in 1973 Discussed,
5 pp.
BULGARIAN, np, Zemedelsko Zname, Sofia,
9 Jan 73, pp 1, 2.
JPRS 58804

Apr 73

First-Quarter Plan Fulfillment Data Published,
6 pp.
BULGARIA!, np, Semedelsko Zname, Sofia,
27 Apr 73, pp 1, 2.
JPRS 59194

Jun 73

Gurbuchev, Ivan

Utilization of Chemical Fertilizers Discussed,
5 pp.
ZEMEDELSKO ZNAME, Sofia, 11 Jul 74, pp 1-2.

JPRS 62815

Nov 74

Khristov, Christo

Professor Sendov Stresses the Need for Young
Professors, 7 pp.
ZEMEDELSKO ZNAME, Sofia, 28 Sep 74, pp 1, 3.
JPRS 63233

Nov 74

Smolczyk, H. G.

Fundamental Problems in the Application of
X-Ray Phase Analysis to Cement Chemistry.
ZEMENT-KALT-GIPS, Vol 14, pp 391-398, 1961.
NTC-72-14807-07B

Feb 73

Smolczyk, H. G.

The X-Ray Determination of the Crystalline
Phases of Portland Cement Clinker.
ZEMENT-KALK-GIPS, Vol 14, pp 558-566, 1961
NTC-72-14808-118

Feb 73

H. Ritzmann

Cyclic phenomena in rotary kiln systems.
ZEMENT-KALK-GIPS, Vol 24, pp 338-343, 1971
NTC 72-15242-11B (on loan)

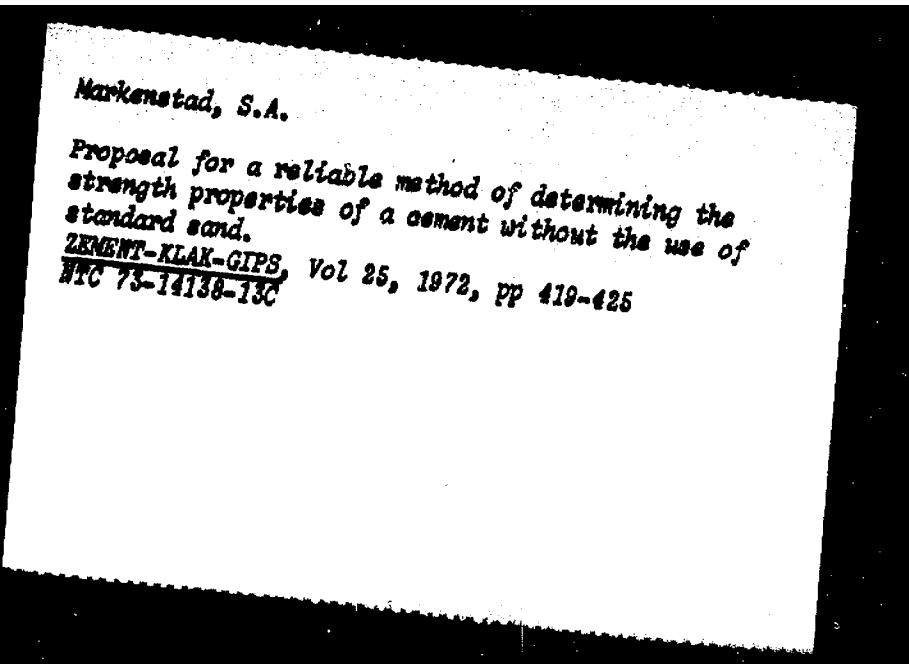
Mar 73

A. BRANISKI

A New Refractory High-Alumina Cement
ZEMENT-KALK-GIPS, Vol 24, pp 477-479, 1971.
NTC 73-10394-11B

Mar 73

RECHENBERG, W.
//ZEMENT-KALK-GIPS//
--/-/1972, V0025, N----,
Rapid determination of fluoride in the raw materials,
clinkers and dusts of cement manufacture,
pp 410-416, NTC 74-10397-07B@



Minchin, S. N.

Earth - space - moon. 298 pp
ZEMILYA-KOSMOS-LUNA,
1972, 244 pp
NASA TT F 800-74

May 1973

Gnevyshev, M.N.

Solar activity and phenomena in the
biosphere 10 p
ZEMIYA I VSELENNAYA 1971
no. 4 p 33-36
NASA TT F 14984

Only Good Seeds Used for Planting, by P. Zabaznyy,
6 pp.
RUSSIAN, per, Zemledelche, Moscow, No 3, Mar 1973,
pp 2-3.
JPRS 59019

May 73

Various Aspects of Raising Spring Wheat Discussed,
by N. Kravtsova, 7 pp.
RUSSIAN, per, Zemledelche, Moscow, No 3, Mar 1973,
pp 38-39.
JPRS 59019

May 73

Odovenko, Ye.

Simplification of Management Structure Extolled.
6 pp
ZEMLEDELIYE, Moscow, No 9, 1973, pp 53-55.
JPRS 60506

Lysogorov, A.
Experiments Conducted in Harvest Predictions.
8 pp
ZEMLEDEL'YE, Moscow, No 10, 1973, pp 34-37.
JPRS 60726

Specs on New Strains of Grain Provided.
9 pp
ZEMLEDELIY, Moscow, No 11, Nov 1973, p 13.
JPRS 61599

Resettlement Benefits Explained.
5 pp
ZEMLEDELIYE, Moscow, No 11, 1973, pp 71-73.
JPRS 61240

Moyseyenko, V.

Planting of Catch Crops.
6 pp

ZEMLEDELIYE, Moscow, No 7, Jul 74, pp 49-50.
JPRS 63051

RUSSIAN
complete Special 6 pp CSO: 8344/0481
Shkundin, B.M. 9 December 1974
//ZEMLESOSENYYE SNARYADY//
---/1973, V----, N----, pp. Table of Con-
tents and anything on GOLD DREDGES
MSS Moscow
Suction Dredges

Special Type B
Do Not Publish
Single spaced draft plus one

Forest Pasture Soils of Tara, Zlatibor, Povlen and
Maljen Mountains, by V. Nikodijevic.
ZEMLJISTE I BILJKA, Vol 14, No 1, 1965, pp 63-77.
*NTIS TT 73-56015

Mar 73

Crnogorac, S.

Electrical conductivity of water extracts from soil as
a measure of ionic strength.
ZEMLJISTE I BILJKA., Vol 15, No 2, 1966, pp 127-131
NASA TT F-15,044

Soil Cover of the Zlatibor Mountain, by M. Zivkovic,
33 pp.
ZEMLJISNI POKRIVAC ZLATIBORA, 1952.
NTIS TT 71-56091

May 73

Zivkovic, K.

ZEMLJISTA VOJVODINE NOVI SAD, 1972, 613 pp
*NTIS-TT-74-56002

V.V. Parin

Medical and biological problems in the conquest of
space.
ZEMLYA I VSELENNAYA, No 3, 1970, pp 15-23
NTC 73-10743-06E

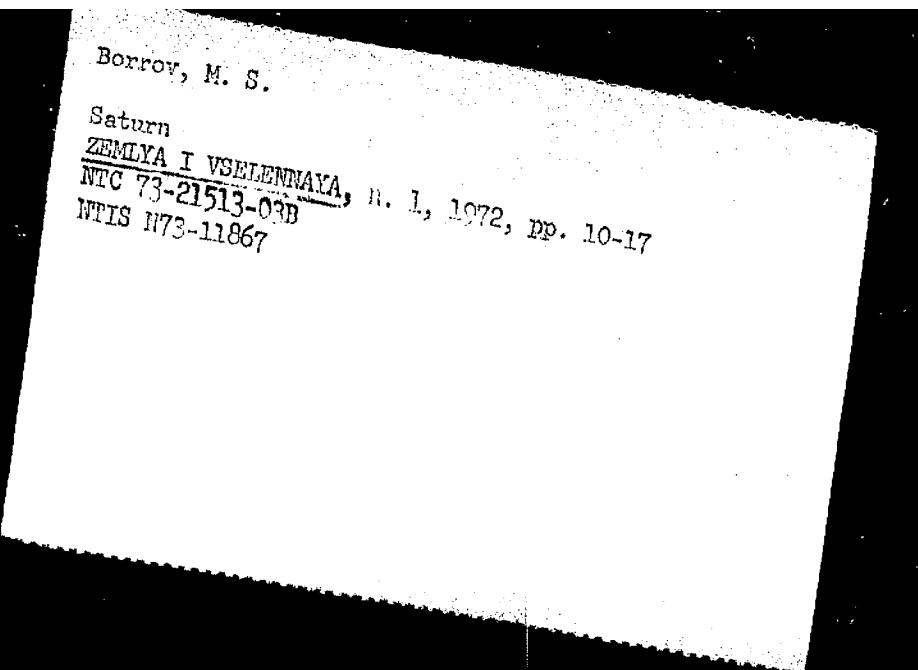
may 73

Gnevyshev, M. N.

Solar Activity and Phenomena in the Biosphere,
ZEMLYA I VSELENNAYA, No, 4, 1971, pp 33-36
8 NASA TT F 14,984

Broshten, V. A.

Origin of the Asteroids
ZEMLYA I VSELENNAYA, n. 5, 1971, pp. 53-59
NTC 73-12593-03A
NTIS N72-24856



REQ TR CHECK / 10-01-74
THE COSMIC OBSERVATORIES "PROGNOZ" IN FLIGHT
AGALAKOV, V.S.; KARACHEVSKIY, V.N.
UR: ZEMLYA I VSELENNAYA, NO. 5, 1972,
pp. 50-53

TE61

On Process as
FTD-HT 23-1456-74

Osipenko, V. P.

The Zvenigorod Experimental Station, 8 pp.
ZEMLYA I VSELENNAYA, Moscow, No 6, 1972,
pp 54-57.
JPRS 59567

Aug 73